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Supplier:

PO039131 PURCHASE ORDER

Canada K6A 1K7 Hawkesbury, ON 1270 Aberdeen St Dart Aerospace Ltd. AEROSPACE

Tel (613) 632-5200



3/2/18 2/26/18 PO039131

Special Comments: QUOTE NO: 1203013512

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Ground

clavoie@dartaero.com

Lavoie, ChantalPhone:

Revision Date: Revision: Purchase Order Due Date: PO Date: PO No:

Ship-To Contact:

Freight Terms:

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Fax: 905 738 9033 Phone: 905 669 9444 M5W 5V8 Canada NO Toronto PO Box 4275, Postal"A" O/A VPK Metal- c/o T27540 Thyssenkrupp Materials CA Ltd THY001-VC

NO Hawkesbury 1270 Aberdeen Street :oT qid2

K6A 1K7 Canada

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Order Notes

Procurement Quality Clauses

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A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A041 quality management system A026 certification of material conformance

A043 retention of quality documents A042 dart notification by supplier

www.dartaerospace.com for further explanation.

A049 supplier awareness A048 counterfeit parts avoidance, detection, mitigation and disposition program

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit

Plex 2/26/18 2:08 PM dart.lavoie.chantal



thyssenkrupp

DELIVERY NOTE

thyssenkrupp Materials NA,2821 Langstaff Road, Concord, ON L4K 5C6



10058125 CUSTOMER NO: 39131 :O/9 RUOY 1403244606 ORDER NO: 2405789206 BOL. NO: *405789706 DOC: NO: 03/05/2018 :3TAG

1270 ABERDEEN ST DART AEROSPACE LTD

HAWKESBURY ON K6A 1K7

TO SHIPPING MILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR P.COM

** REFERENCED ON IT ** ** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER

NENDPO

DESCRIPTION ITEM Deliveries are carried out for your account and risk acc. to our Gen. Terms & Cond. of Delivery and Payment.

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:J3T

Route:

:TOATMOD

201800084

TOTH

1008340002 5 PC NET QTY1 / QTY2 PACKAGE NO

STAN.IVERS@THYSSENKRUP

905-738-9033 ext 9033

Stan Ivers

AUEOE

905-532-1350 ext 21350

91 491

Nominal Chemistry/Act Physical 0.50000 X 12.0000 X 144 Mill Length 6061 T6511 Aluminum Extruded Rectangular 0010 ALREC76047

Standard Packaging

ATIN: CHANTAL/LINDA

QTY MUNDAT

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SEBNICE C -----

2001313800 2

dl 000.181

Total Gross Weight

7

Delivery Terms: PPD gem. Incoterms 2000 Prepaid PREPAID All items, not declared as partial delivery, are final quantities.



fμλεε**e**ukrnbb

thyssenkrupp Materials NA,2821 Langstaff Road, Concord, ON L4K 5C6

DELIVERY NOTE

HAWKESBURY ON K6A 1K7 1270 ABERDEEN ST :3TAG DART AEROSPACE LTD

:XA7 905-532-1350 ext 21350 :JBT Stan Ivers :TOATMOD **AUE0E** Route: 10028172 CUSTOMER NO: 39131 :O/9 RUOY 1403244606 ORDER NO: 2405789206 BOL. NO: *405789704 DOC: NO: 03/05/2018

P.COM

STAN.IVERS@THYSSENKRUP

905-738-9033 ext 9033

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supplier where the data are the result of analysis by a qualified laboratory.

David Noordine - Director of Quality Assurance



fp\lambda zeaukrupp

DELIVERY NOTE

thyssenkrupp Materials NA,2821 Langstaff Road, Concord, ON L4K 5C6





Stan Ivers :TOATNOO AUEOE Route: 10028125 CUSTOMER NO: 39131 :O/9 RUOY 1403244606 ORDER NO: 2405789207 BOL. NO: *40588707* DOC: NO: 03/02/2018 :3TAG

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905-738-9033 ext 9033

905-532-1350 ext 21350

HAWKESBURY ON K6A 1K7 1270 ABERDEEN ST DART AEROSPACE LTD



ATIN: CHANTAL/LINDA TO SHIPPING WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR MILL TEST REPORTS, PACKING SLIPS ARE TO SENT

** REFERENCED ON IT ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

0010 ALREC00870 DESCRIPTION Deliveries are carried out for your account and risk acc. to our Gen. Terms & Cond. of Delivery and Payment. ITEM

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201801965

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HLOT **NENDPO NOW VEND** YTD Nominal Chemistry/Act Physical O0003.0 X (+.009th X (4.000.0 X (900.-+) 00003.0 6061 T6511 Aluminum Extruded Rectangular

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Standard Packaging

bcs MUNDAT

2001313765 2

dl 000.87

Total Gross Weight

Delivery Terms: PPD gem. Incoterms 2000 Prepaid PREPAID All items, not declared as partial delivery, are final quantities.

ANS-QQ-A-200/8 1997;ROHS COMPLIANT; B 221 2014



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thyssenkrupp Materials NA,2821 Langstaff Road, Concord, ON L4K 5C6

DELIVERY NOTE

905-532-1350 ext 21350 : JET Stan Ivers :TOATNOO AUEOE Route: 10058125 CUSTOMER NO: 39131 YOUR P/O: 1403244606 ORDER NO: 2405789207 BOL. NO: * 405687804. DOC: NO: 03/02/2018 :3TAQ

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905-738-9033 ext 9033

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ON KGA 1K7

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David Moordine - Director of Quality Assurance



HAWKESBURY ON K6A 1K7

1270 ABERDEEN ST

DART AEROSPACE LTD



fp\lambda zeeukrupp

DELIVERY NOTE

thyssenkrupp Materials NA,2821 Langstaff Road, Concord, ON L4K 5C6



1403244606 ORDER NO: 2405789208 *802687004 DOC: NO: 03/05/5018

AUE0E Route: 10058125 CUSTOMER NO: 18168 :O/9 RUOY

STAN.IVERS@THYSSENKRUP EMAIL: 905-738-9033 ext 9033 :XA7 905-532-1350 ext 21350 :TET:

P.COM

Stan Ivers

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** REFERENCED ON IT

DESCRIPTION ITEM Deliveries are carried out for your account and risk acc. to our Gen. Terms & Cond. of Delivery and Payment.

CONTACT:

BOL. NO:

:3TAG

1008339675 NET QTY1 / QTY2 PACKAGE NO

91 82 5 PC

NENDPO NOW VEND YTD MUNDAT Standard Packaging Nominal Chemistry/Act Physical 1.00000 " (+..012) X 144 Mill Length 6061 T6511 Aluminum Extruded Square

201719989 SERVICE C 5400378112 2001313766 2 HLOT

4 LOST S MTSA;TNALLANDO SHOR;T8018 B 22172014

31.000.1E Total Gross Weight

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Delivery Terms: PPD gem. Incoterms 2000 Prepaid PREPAID All items, not declared as partial delivery, are final quantities.

bcs

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fhyssenkrupp

thyssenkrupp Materials NA,2821 Langstaff Road, Concord, ON L4K 5C6

DELIVERY NOTE

:XA3	905-738-9033	txə	9033	
TEL:	905-532-1350	txə	21350	
:TOATMOO	Stan Ivers			
Route:	AUE0E			
CUSTOMER NO:	10028172			
:O/9 AUOY	18198			
ORDER NO:	1403244606			
BOL. NO:	2405789208			
DOC: NO:	2405789208*			
:3TAQ	03/02/2018			

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STAN.IVERS@THYSSENKRUP

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David Noordine - Director of Quality Assurance



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18168 :O/9 RUOY 1403244606 ORDER NO: 2405789209 BOL. NO: *40588709* DOC: NO: 03/05/5018 :3TAG

Stan Ivers :TOATMOD **AUE0E** Route: 10058125 CUSTOMER NO:

STAN.IVERS@THYSSENKRUP :JIAM3 905-738-9033 ext 9033 :XA7 905-532-1350 ext 21350 : TEL:

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HAWKESBURY ON K6A 1K7 1270 ABERDEEN ST DART AEROSPACE LTD

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ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER ** ADMILICHANTAL/LINDA

** REFERENCED ON IT

ALREC00173 0100 NET QTY1 / QTY2 PACKAGE NO DESCRIPTION METI Deliveries are carried out for your account and risk acc. to our Gen. Terms & Cond. of Delivery and Payment.

HLOT

1.00000.1 X (4.00.4) X (4.00.4) X (10.-+) Mill Length 91 49 6061 T6511 Aluminum Extruded Rectangular 5 PC

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Nominal Chemistry/Act Physical

Standard Packaging

QTY MUNDAT

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AND ALCOLA-200/8 1997; ROHS COMPLIANT; ASTM B 221 2014

NOW VEND

dl 000.00

1008339677

Total Gross Weight

Delivery Terms: PPD gem. Incoterms 2000 Prepaid PREPAID All items, not declared as partial delivery, are final quantities.

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thyssenkrupp Materials NA,2821 Langstaff Road, Concord, ON L4K 5C6

DELIVERY NOTE

Stan Ivers :TOATNOO **AUE0E** Route: 10058125 CUSTOMER NO: 18168 :O/9 RUOY 1403244606 ORDER NO: 2405789209 BOL. NO: *4058870042 DOC: NO: 03/05/2018 :3TAG

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STAN.IVERS@THYSSENKRUP

905-738-9033 ext 9033

905-532-1350 ext 21350

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:XA7

: JET

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DELIVERY NOTE

thyssenkrupp Materials NA,2821 Langstaff Road, Concord, ON L4K 5C6



 BORTE:
 303NV

 DOC: NO:
 14038128

 BOF: NO:
 1403844606

 BOF: NO:
 540878515

 BOC: NO:
 540878515

 BOC: NO:
 540878515

DART AEROSPACE LTD

1270 ABERDEEN ST

VHAWKESBURY ON K6A 1K7

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR TO SHIPPING.

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** REFERENCED ON IT **

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ITEM DESCRIPTION

NET OTY1 / OTY2 PACKAGE NO

:JIAM3

:XA7

:J3T

:TOATNOO

1 PC 1008339685

STAN.IVERS@THYSSENKRUP

905-738-9033 ext 9033

905-532-1350 ext 21350

Nominal Chemistry/Act Physical Standard Packaging Arguum OTY UOMVEND VENDPO HLOT

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 \$200106258

 LCG
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 VENDFO
 HLOT

SAE AMS-QQ-A-200/8|1997;ROHS COMPLIANT;ASTM B 221|2014

Total Gross Weight 57.000 lb

P.COM

Stan Ivers

All items, not declared as partial delivery, are final quantities. Delivery Terms: PPD gem. Incoterms 2000 Prepaid PREPAID



fp\lambda zeeukrupp

thyssenkrupp Materials NA,2821 Langstaff Road, Concord, ON L4K 5C6

DELIVERY NOTE

905-532-1350 ext 21350 : TEL: Stan Ivers CONTACT: AUEOE Route: 10028125 CUSTOMER NO: 39131 :O/9 RUOY 1403244606 ORDER NO: 2405789212 BOL. NO: *2126876042 DOC: NO: 03/05/2018 :3TAQ

P.COM

STAN.IVERS@THYSSENKRUP

905-738-9033 ext 9033

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ON K6A 1K7

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supplier where the data are the result of analysis by a qualified laboratory.

*thyssenkrupp Matériaux MA certifie que le matériel décrit ci-dessus est conforme aux dessins ou spécifications exigés sur le bon de commande et qui sont en vigueur à la date ou la commande a été acceptée.\ thyssenkrupp Materials MA certifies that the material described above is in accordance with the drawings or specifications called for on said order that are current on the date order was accepted.

*Nous certifions que le document reproduit ici est une copie conforme du rapport fourni par le fournisseur du matériel où les données résultent *Nous certifions que le document reproduit ici est une copie conforme du rapport fourni par le fournisseur du matériel où les données résultent de l'analyse faite par un laboratoire qualitié\ We certify that the document reproduced here is true to the report provided by the equipment

:JIAM3

:XA7

David Noordine - Director of Quality Assurance



HAWKESBURY ON K6A 1K7

thyssenkrupp Materials NA 2821 Langstaff Road Concord, ON LAK 5C6

1270 ABERDEEN ST

DART AEROSPACE LTD



fp\lambda zeeukrupp

DELIVERY NOTE

COPY



2405789213 BOL. NO: 2405789213* DOC: NO: 03/01/2018 : BTAG

10058125 CUSTOMER NO: 3510210926 **COADING NO:** 18168 YOUR P/O: 1403544606 ORDER NO:

905-532-1350 ext 21350 :JBT Stan Ivers CONTACT: Route: **AUE0E**

905-738-9033 ext 9033

DNI99IHS OT MILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR STAN.IVERS@THYSSENKRUP

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER ** ATTN: CHANTAL/LINDA

DESCRIPTION MHI Deliveries are carried out for your account and risk acc. to our Gen. Terms & Cond. of Delivery and Payment.

NENDBO

1008339687 1 PC NET QTY1 / QTY2 PACKAGE NO.

37 Ib

Nominal Chemistry/Act Physical 1.25000 (+-.008) X 2.0000 (+-.008) X 144 Mill Length 6061 T6511 Aluminum Extruded Rectangular

ALREC00726

0100

Standard Packaging

NOM VEND YTD MUNDAT

SERVICE C 2001313770

SAE AMS-QQ-A-200/8|1997;ROHS COMPLIANT;ASTM B 221|2014

dl 000.04

Total Gross Weight

bcs

201800937

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:XA7

Delivery Terms: PPD gem. Incoterms 2000 Prepaid PREPAID All items, not declared as partial delivery, are final quantities.



fpλzzeukrupp

STAN.IVERS@THYSSENKRUP

905-738-9033 ext 9033

Stan Ivers

AU_E0E 10028125

905-532-1350 ext 21350

thyssenkupp Materials NA 2821 Langstaff Road Concord ON L4K 5C6

COPY DELIVERY NOTE

3510210926 **FOADING NO:** 39131 YOUR P/O: 1403544606 ORDER NO: 2405789213 BOL. NO: 2405789213* DOC: NO: 03/01/2018 :3TAQ

HAWKESBURY ON K6A 1K7 1270 ABERDEEN ST DART AEROSPACE LTD

CERTIFICAT DE CONFORMITÉ/CERTIFICATE OF COMPLIANCE

specifications called for on said order that are current on the date order was accepted. vigueur à la date ou la commande a été acceptée. I thyssenkrupp Materials NA certifies that the material described above is in accordance with the drawings or *thyssenkrupp Matériaux NA certifie que le matériel décrit ci-dessus est conforme aux dessins ou spécifications exigés sur le bon de commande et qui sont en

:JIAM3

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CUSTOMER NO:

faite par un laboratoire qualifie/ We certify that the document reproduced here is true to the report provided by the equipment supplier where the data are the *Nous cetifions que le document reproduit ici est une copie conforme du rapport fourni par le fournisseur du matériel où les données résultent de l'analyse

result of analysis by a qualified laboratory.

David Moordine - Director of Quality Assurance



HAWKESBURY ON K6A 1K7

thyssenkrupp Materials NA 2821 Langstaff Road Concord ON L4K 5C6

1270 ABERDEEN ST

DART AEROSPACE LTD



fp\lambda zeeukrupp

DELIVERY NOTE

COPY

LOADING NO:

02/28/2018

39131 YOUR P/O: 1403544606 ORDER NO: 2405789214 BOL. NO: *4126876042 DOC' NO: :3TAG

Stan Ivers CONTACT: **AUE0E** Route: 10058125 CUSTOMER NO:

STAN.IVERS@THYSSENKRUP :TIAM3 905-738-9033 ext 9033 :XA7 905-532-1350 ext 21350 :13T

3510210836

3

BCS

DNI99IHS OT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR

** REFERENCED ON IT ** ** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER ** ATM: CHANTAL/LINDA

DESCRIPTION MHTI Deliveries are carried out for your account and risk acc. to our Gen. Terms & Cond. of Delivery and Payment.

1008338797 NET QTY1 / QTY2 PACKAGE NO.

162.570 lb 3 bC

ALFLR00493 OFFERING .080X48X144

Nominal Chemistry/Act Physical 0.08000 (+-.0035) X Width 48.0000 X Length 144 19942 3T munimutA 1803

Standard Packaging

2001313648

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HLOT **NENDPO NOW VEND** VTD MUNDAT

PC COPPER & 5400384115

dl 078.882 Total Gross Weight SAE AMS 4027|U;ROHS COMPLIAUT;ASTM B209 2014

10/16048

Delivery Terms: PPD gem. Incoterms 2000 Prepaid PREPAID All items, not declared as partial delivery, are final quantities.



STAN.IVERS@THYSSENKRUP

905-738-9033 ext 9033

905-532-1350 ext 21350

Stan Ivers

AUE0E

thyssenkripp Materials NA 2821 Langstaff Road Concord ON L4K 5C6

COPY DELIVERY NOTE

CUSTOMER NO: 10058125

LOADING NO: 3510210836

YOUR P/O: 39131

BOC. NO: 2405789214*

BOC. NO: 2405789214*

HAWKESBURY ON K6A 1K7 1270 ABERDEEN ST DART AEROSPACE LTD

CERTIFICAT DE CONFORMITÉ/CERTIFICATE OF COMPLIANCE

*thyssenkrupp Matériaux MA certifie que le matériel décrit ci-dessus est conforme aux dessins ou spécifications exigés sur le bon de commande a été acceptée./ thyssenkrupp Materials MA certifies that the material described above is in accordance with the drawings or specifications called for on said order that are current on the date order was accepted.

:JIAM3

:XA7

:JBT

Route:

CONTACT:

Specializations due le document reproduit ici est une copie conforme du rapport fourni par le fournisseur du matériel où les données résultent de l'analyse faite par un laboratoire qualifié. We certify that the document reproduced here is true to the report provided by the equipment supplier where the data are the faite par un laboratoire qualifié.

result of analysis by a qualified laboratory.

David Moordine - Director of Quality Assurance



fp\lambda zesukrupp

DELIVERY NOTE

thyssenkrupp Materials NA,2821 Langstaff Road, Concord, ON L4K 5C6



Route: AUEOE 10028125 CUSTOMER NO: 39131 :O/9 RUOY 1403244606 ORDER NO: 2405789215 BOL. NO: *8126878042 DOC: NO: 03/05/5018 :3TAG

1270 ABERDEEN ST DART AEROSPACE LTD

HAWKESBURY ON K6A 1K7

TO SHIPPING WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR TEST REPORTS, PACKING SLIPS ARE TO SENT P.COM

:JIAM3

:XA7

:J3T

:TOATMOD

** REFERENCED ON IT ** ** ABBMUN TABH BHT BVAH TSUM ATTN: CHANTAL/LINDA **

CONSTELLI 0000282714

NENDPO

NET QTY1 / QTY2 PACKAGE NO DESCRIPTION Deliveries are carried out for your account and risk acc. to our Gen. Terms & Cond. of Delivery and Payment.

99919X

HLOT

1 bc

STAN.IVERS@THYSSENKRUP

905-738-9033 ext 9033

Stan Ivers

905-532-1350 ext 21350

221 lb

1

1008338932

3125X48.5X144.5 OFFERING 0100

0.31200 X Width 48.5000 X Length 144.5000 19942 1651 Sheet ALFLR74857

Actual Chemistry/Act. Physical

Standard Packaging

NOW VEND QTY MUNDAT

2001313673 1 **SOd**

dl 000.e8E

Total Gross Weight

Delivery Terms: PPD gem. Incoterms 2000 Prepaid PREPAID All items, not declared as partial delivery, are final quantities.



fhyssenkrupp

thyssenkrupp Materials NA,2821 Langstaff Road, Concord, ON L4K 5C6

DELIVERY NOTE

FAX:	905-738-9033	1X9	9033
TEL:	905-532-1350	ĵхэ	21350
:TOATMOO	Stan Ivers		
Route:	AUE0E		
CUSTOMER NO:	10028172		
YOUR P/O:	18188		
ORDER NO:	1403244606		
BOL, NO:	2405789215		
DOC: NO:	2405789215*		
:3TAQ	03/02/2018		

P.COM

STAN.IVERS@THYSSENKRUP

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ON KGA 1K7

CERTIFICAT DE CONFORMITÉ/CERTIFICATE OF COMPLIANCE

*thyseenkrupp Matériaux MA certifie que le matériel décrit ci-dessus est conforme aux dessins ou spécifications exigés sur le bon de commande et qui sont en vigueur à la date ou la commande a été acceptée.\ thyseenkrupp Materials MA certifies that the matérial described above is in accordance with the drawings or specifications called for on said order that are current on the date order was accepted. *Nous certifions que le document reproduit ici est une copie conforme du rapport fourni par le fournisseur du matériel où les données résultent de l'analyse faite par un laboratoire qualitié\ We certify that the document reproduced here is true to the report provided by the equipment supplier where the data are the result of analysis by a qualitied laboratory.

:JIAM3

David Noordine - Director of Quality Assurance



MATERIAL RECEIPT INSPECTION FORM

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Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

RELEASED

REV. B SCALE SHEET 1 OF 1 01.06.08 DATE 09.07.13 DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
DRAWING NO.
M6061T6B
SHEE COPYRIGHT © 2001 BY DART AEROSPACE LTD
THIS DOCUMENT GIFFOR THE NO CORFORDING AND SUPPLED ON the EDIVERSE COMMENT
TO REIGHT TO REIGHT OF THE TRUTH AND THE TRUTH THE TRUTH AND THE TRUTH THE TRUTH AND THE TRUTH THE TRU CP DS B REMOVE QQ.4x.250/11 OPTION. REFORMAT NOTES, ADD ASTM B21/18221 (ZN D7-1)
A NEW ISSUE тпте 6061-T6 BAR DESCRIPTION MFG. APPR.
APPROVED
DE APPR.
DATE
DATE CHECKED DESIGN

NTS

SPECIFICATION CONTROL DRAWING

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PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION:

8

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160) OR ASTM B211 OR & STM B221-

M6061T6B T.TTT X WW.WWW

PART NUMBER:

WHERE "T.TT" = THICKNESS IN INCHES "WW.WWW" = WIDTH IN INCHES WIDTH THICK

U

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

U



Service Center Metals

5850 Quality Way

Prince George, VA 23875

Made In the U.S.A.

CERTIFIED INSPECTION REPORT AND TEST RESULTS

FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER

TEM 941058

2

ASTM-B221-14 StencilCont SPECIFICATION CERTIFICATION

1/22/2018

PL0735 ALLOY / TEMPER

355888

Thyssenkrupp Materials NA

CUSTOMER PO

MANIFEST NUMBER

DIE NUMBER

SALESPERSON

DATE OF SHIPMENT

AMS-QQA-200/8 Rev-A specification

RoHS 2011/65/EU Compliant

D.Schroeder (Canada) We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification formed the applicable requirements described herein, including any specifications forming a part of the describtion, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as 6061-76511 also meet the requirements of 6061-76. PL .500x12.000 .6061-T6511 **ALREC76047** 5400383032 CUSTOMER PART NUMBER 26pcs ThyssenKrupp Materials NA-Concord, ON 2,201 lbs Quantity Certified

All aluminum products supplied by Service Center Metals, LLC contain no functional mercury. Neither mercury nor its compounds are used in the manufacture of aluminum products stopiled by Service Center Metals have not, to the best of our knowledge, contacted any source of mercury.

SCM is ISO 9001-2015 certified

This product is RoHS-2, REACH, and DFARS compliant.

erties		he
lechanical Properties	Lot No.	201718549 201800084
Mechar	Tests	4

Percent longation	max 19.00 16.40
	min 11.60 16.40
(KSI)	max 42.60 41.80
Yield S	min 40.50 41.80
Tensile h (KSI)	max 45.20 44.30
Ultimate Tensile Strength (KSI)	min 43.50 44.30
Test Date	11/13/17 1/10/18

16.40 19.00

Chemical Compos	omposition	n for A	lumint	um Allo	ition for Aluminum Alloy 6061							
Cast #	Lot No.	Alloy	ଊ	E e	C	M	Mg	ଧ	Zn	FI	AL	Each
002J180103L	201800084	6061	0.65	0.26	0.22	90.0	0.89	90.0	0.03	0.02	97.81	0.05
002K171107J 201718549	201718549	6061	0.61	0.23	0.19	90.0	0.87	0.06	0.02	0.02	97.95	0.00
002K171108B	201718549	6061	0.62	0.24	0.20	0.06	060	0.07	000		04.00	5 6
)	0	5	20.0	0.04	10.78	0.00

SCM products are melted and extruded in the USA

Calvin J. Wiggins, Director of Quality & Technical Services

Print Date: 1/22/2018

United States of America

United States of America

United States of America

0.15 0.15 0.15

Melt Source:

Total

Others

MATERIAL RECEIPT INSPECTION FORM

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Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

SPECIFICATION: PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR O

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160) OR ASTM B211 OR ASTM B221

PART NUMBER:

M6061T6B T.TTT X WW.WWW

THICK

WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
"WW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

CHECKED

MFG. APPR.

APPROVED

DE APPR.

DATE

09 DRAWN DESIGN REV. A NEW ISSUE REMOVE QQ.A.250/11 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (ZN D7-1) 09.07.13 6061-T6 BAR DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
DRAWING NO.
M6061T6B
SHE COPYRIGHT @ 2001 BY DARY AEROSPACE LTD THIS DOCUMENT ERROND AND ONE BORTHAL WE IS SUPPLIED ON THE LOWERS CONDITION THAT IT IS NOT TO BE UPDED FOR ANY PURPLIED ON CONDITION OF COMMUNICATION OF ANY PURPLIED ON WITHOUT COMMUNICATION OF ANY PURPL DS DS S SHEET 1 OF 1 01.06.08 09.07.13 DATE REV. B SCALE A

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Service Center Metals

Prince George, VA 23875 5850 Quality Way

CERTIFIED INSPECTION REPORT AND TEST RESULTS

FOR EXTRUDED PRODUCTS

DIE NUMBER

DATE OF SHIPMENT Made In the U.S.A.

2/7/2018

RB0101

357463

Thyssenkrupp Materials NA

MANIFEST NUMBER

941295 OUR ORDER NUMBER

ASTM-B221-14 StencilCont **SERTIFICATION**

SPECIFICATION

AMS-QQA-200/8 Rev-A specification

D.Schroeder (Canada) SALESPERSON SCRB .500x5.000 -6061-T6511 SLLOY / TEMPER SCRIPTION ALREC00870 5400383505 CUSTOMER PART NUMBER CUSTOMER PO 75pcs ThyssenKrupp Materials NA-Concord, ON 2,647 lbs Quantity Certified

RoHS 2011/65/EU Compliant

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the describion, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6.

All aluminum products supplied by Service Center Metals, LLC contain no functional mercury. Neither mercury nor its compounds are used in the manufacture of aluminum products supplied by Service Center Metals have not, to the best of our knowledge, contacted any source of mercury.

SCM is ISO 9001-2015 certified

This product is RoHS-2, REACH, and DFARS compliant.

salues	no on
Tests Lot No.	201801965
Tests	m

Test Date	<u>Ultimate</u> <u>Strengt</u>	Ultimate Tensile Strength (KSI)	Yield Strengt (KSI)	rength	Per	Percent Flongation
2/6/18	min	max	min	max	min	max
	39.40	44.50	36.90	40.60	17.80	20.40

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Chemical Composition for Aluminum Alloy 6061	

	Melt Source:		United States of An
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5	Each Total		0.05
	AL		97.81
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	Alloy		6061
	LOT NO.		201801965
# *****	CdSI #	•	002K180128L

SCM products are melted and extruded in the USA

Calvin J. Wiggins, Director of Quality & Technical Services

Rev 7/20/17

Print Date: 2/7/2018

tes of America

MATERIAL RECEIPT INSPECTION FORM

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<u> </u>			16880	MEN	N	(4)	CORRECT MATERIAL PER M-DRAWING
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Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR SPECIFICATION:

O

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160) OR ASTM B211 OR ASTM B221

WHERE "T. TTT" = THICKNESS IN INCHES "WW.WWW" = WIDTH IN INCHES M6061T6B T.TTT X WW.WWW THICK WIDTH

PART NUMBER:

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

MFG. APPR. APPROVED CHECKED DESIGN NEW ISSUE 09.07.13 REMOVE QQ.A-250/11 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (ZN D7-1) DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
DRAWING NO.
M6061T6B
SHEE 6061-T6 BAR COPYRIGHT © 2001 BY DART AEROSPACE LTD

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REV.

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Service Center Metals

Prince George, VA 23875 5850 Quality Way

Del.: 2405789208

Elongation

Percent

02/28/2018

18.80 max

11.60

min

Date

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Cator 39131

Mgt.: 28 LB

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DART AEROSPACE LTD . Jano

TK Materials CA,

f America f America f America f America

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

DATE OF SHIPMENT

12/28/2017

MSQ1825 LLOY / TEMPER

353651

MANIFEST NUMBER

DIE NUMBER

SALESPERSON

D.Schroeder (Canada)

ASTM-B221-14 StencilCont AMS-QQA-200/8 Rev-A specification CERTIFICATION SPECIFICATION

Dans

3

938141

OUR ORDER NUMBER

RoHS 2011/65/EU Compliant

MGSG 4.000 +.012/-.0

ALSQ00013 **CUSTOMER PART NUMBER**

144 pcs

2,056 lbs

Quantity Certified

6061-T651

5400378112

ThyssenKrupp Materials NA-Concord, ON

Thyssenkrupp Materials NA

CUSTOMER PO

DESCRIPTION

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the describing and that samples representative of the material met the composition limits and had the mechanical properties shown. Thems produced and certified as 6661-T6511 also meet the requirements of 6061-T6.

All aluminum products supplied by Service Center Metals, LLC contain no functional mercury. Neither mercury nor its compounds are used in the manufacture of aluminum products supplied by Service Center Metals have not, to the best of our knowledge, contacted any source of mercury.

	ength 1)	max 49.90
	Yield Str (KS	min 42.50
	Tensile	max 53.00
	Ultimate	min 45.90
nt.	Test Date	12/5/17
This product is RoHS-2, REACH, and DFARS compliant.	Test Date Ultimate Tensile Yield Stre Strength (KSI) (KSI) (KSI) min max min 12/5/17 45.90 53.00 42.50	
SCM is ISO 9001-2015 certified	Mechanical Properties Tests Lot No.	

Chemical Composition for Aluminum	ompositio	n for A	lumin	ım Allo	Alloy 6061	_								
Cast#	Lot No.	Alloy	.⊠I	Fe	리	Mn	Mg	Ö	Zn	Ħ	\ \	Others Each Total	iers Total	Melt Source:
001E171125B 201719989 6061	201719989	6061	0.75	0.37	0.31	0.11	0.87	0.11	0.10	0.03	97.35	0.05	0.15	Inited States of
001E171127K 201719989	201719989	6061	0.72	0.37	0.31	0.09	0.88	0.11	0.08	0.03	97 41	0.05	2 6	United States of
001E175429B 201719989	201719989	6061	0.74	0.37	0.32	0.11	0.89	0.10	0.06	0.03	97.38	0.05	. c	United States of
©31J171103B 201719989	201719989	6061	0.75	0.38	0.33	0.10	0.92	0.10	0.08	0.03	97.32	0.05	0.15	United States of
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SCM products are melted and extruded in the USA

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Calvin J. Wiggins, Director of Quality & Technical Services

Print Date: 12/28/2017

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Rev 7/20/17

From:

MATERIAL RECEIPT INSPECTION FORM

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Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

SPECIFICATION: PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR O

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) QR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160) OR ASTM B211 OR ASTM B221

B

PART NUMBER:

M6061T6B T.TTT X WW.WWW

THICK

WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
"WW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

CHECKED MFG. APPR. APPROVED B REMOVE QQ-A-250/11 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (ZN D7-1) NEW ISSUE DART AEROSPACE LID
HAWKESBURY, ONTARIO, CANADA
M6061T6B
SHEE DESCRIPTION 6061-T6 BAR SQ SQ CP SHEET 1 OF 1 01.06.08 09.07.13 DATE REV. B SCALE

DRAWN DESIGN

09.07.13

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CERTIFIED INSPECTION REPORT AND TEST RESULTS Service Center Metals

FOR EXTRUDED PRODUCTS Made In the USA

942151 OUR ORDER NUMBER

ASTM-B221-14-StencilCont CERTIFICATION SPECIFICATION

D. Schroeder (Canada)

6061-T6511

5400381107

ThyssenKrupp Materials NA-Concord, ON

Thyssenkrupp Materials NA

CUSTOMER PO

MQRB 1.009 x 2.000

ALREC00173

CUSTOMER PART NUMBER

108pcs

3,084 lbs

Quantity Certified

DESCRIPTION

SALESPERSON

2/6/2018

MRB0477

357338

MANIFEST NUMBER

Prince George, VA 23875

5850 Quality Way

DIE NUMBER

DATE OF SHIPMENT

Samo

AMS-QQA-200/8 Rev-A

RoHS 2011/65/EU Compliant

revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6. We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification

All aluminum products supplied by Service Center Metals, LLC contain no functional mercury. Neither mercury nor its compounds are used in the manufacture of aluminum products at our facility. Furthermore, aluminum products supplied by Service Center Metals have not, to the best of our knowledge, contacted any source of mercury.

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ngth	max 48.50
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	Mechanical Properties Test Date Ultimate Tensile Yield Strength Percent Tests Lot No. [KSi] Elongation

02/28/2018

Del : 2405789209

Date

CEFOR 39131

	Chemical Composition for Aluminum Alloy	ompositio	n for A	luminu	m Alloy	, 6061	_								
	Cast#	Lot No.	Alloy	i <u>S</u> I	B)	n)	Mn	Mg	히	Zu	F	∀	Oth Each	Others 1 <u>Total</u>	Melt Source:
	001E180126C 201801773	201801773	6061	0.77	0.38	0.32	0.10	0.92	0.10	0.07	0.03	97.31	0.05	0.15	United States of America
4	# 001J180130A 201801773	201801773	6061	0.75	0.38	0.32	0.10	06.0	0.11	0.09	0.03	97.32	0.05	0.15	United States of America
	01151802	201801773	6061	0.73	0.40	0.31	0.10	06.0	0.08	0.08	0.02	97.38	0.05	0.15	United States of America
R;	01221802	201801773	6061	0.74	0.38	0.30	0.10	0.89	0.09	0.09	0.03	97.38	0.05	0.15	United States of America

SCM products are melted and extruded in the USA

Mgt.: 57 LB

Print Date: 2/6/2018

DART AEROSPACE LTD

TK Materials CA,

Cathr

Calvin J. Wiggins, Director of Quality & Technical Services

. Jau Erom:

Rev 7/20/17

MATERIAL RECEIPT INSPECTION FORM

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ENGINEERING SIGNOFF (if required)			QC 18 INSPECTION
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Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

RELEASED 2009 - 05- 03

REV. B SCALE SHEET 1 OF 1 09.07.13 01.06.08 DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
DRAWING NO.
M6061T6B TITLE
6061-T6 BAR
COPYRIGHT © 2001 BY DART AEROSPACE LTD
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A NEW ISSUE 09.07.13 MFG. APPR.
APPROVED
DE APPR.
DATE CHECKED DESIGN REV.

PURCHASE MATERIAL: 6061-76/7651/76510/76511/762 ALUMINUM BAR

SPECIFICATION:

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR QQ-A-200/8 OR AMS-QQA-200/8 (OR AMS 4160) OR ASTM B211 OR ASTM B221*

M6061T6B T.TTT X WW.WWW

WHERE "T.TT" = THICKNESS IN INCHES "WW.WWW" = WIDTH IN INCHES WIDTH THICK

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

SPECIFICATION CONTROL DRAWING

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PART NUMBER:

(a)

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CERTIFIED TEST REPORT

http://Online.KaiserAluminum.com





KALAMAZOO, MI 49048 **2502 KAISER DRIVE** FABRICATED PRODUCTS, LLC KAISER ALUMINUM

			THYSSENKRUPP I PO BOX 5116 SOUTHFIELD, MI 4		QAO!	THYSSENKRUPP C 2821 LANGSTAFF F CONCORD, ON L4K
			SOL BIOS			OT 91H2
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	TEMPER	ALLOY	KAISER LOT NUMBER:	:3TAO 91H2	лие ітем:	KAISER ORDER NUMBER:
1		RARI EDIW WOLS	750 X 6.000 PRĘC	274	ALREC00	2400386392-1
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Actual Physical Properties

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Applicable Requirements:

conforms to T6-not applicable to other tempers) osla [128T] ASTM-BZ21-14 STENCILED ASME-SB221 2009 SECT II AMS-QQ-A-200/8A UNS#A96061

Miscellaneous Notes

OF ITS COMPOUNDS ARE UTILITZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL. MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS, NEITHER MERCURY NOR ANY MANUFACTURED IN USA MELTED IN USA

CERTIFICATION

description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination. Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been dested and fested and found in conformance with applicable specifications forming a part of the description

Page 1 of 1

Macnowski, Quality & Technology Manager

Cust. DART AEROSPACE LTD

From: TK Materials CA, Ltd.

Plant Serial: 00321057

Tine Item: 001

Kaiser Order Number: 6047474

Del.: 2405789212

CZFOr 39131

Date 02/28/2018

Mgt : 64 LB

Cathr

MATERIAL RECEIPT INSPECTION FORM

MATERIA 16CORD 1 HRC Sters locate	1G	OF MATERIAL OF TEST SAMPLE INSPECTION SINSPECTION SINS
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Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

D

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160) OR ASTM BZ11 OR ASTM BZ21

B

SPECIFICATION:

PART NUMBER:

M6061T6B T.TTT X WW.WWW

THICK

WIDTH

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000 WHERE "T.TTT" = THICKNESS IN INCHES
"WW.WWW" = WIDTH IN INCHES

DRAWN CHECKED MFG. APPR. APPROVED A NEW ISSUE B REMOVE QQ.A-259/11 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (ZN D7-1) 09.07.13 DESCRIPTION 6061-T6 BAR DART AEROSPACE LID
HAWKESBURY, ONTARIO, CANADA
DRAWING NO.
M6061T6B
SHEE COPPYRIGHT @ 2001 BY DARY AEROSPACE LTD
HIS DOCUMENT SHOWNER AND SHOWNER OF THE SHOWNER CHARTER HIS IT IS
NOT TO BE USED FOR ANY PLAYPORE OF COMMUNICATION OF THE OF THE FRENCH HIS HIS
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DESIGN REV.

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BILL TO

Thyssenkrupp Materials NA

Service Center Metals

Prince George, VA 23875 5850 Quality Way

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

Made In the U.S.A.

941295

OUR ORDER NUMBER

CERTIFICATION

ASTM-B221)14 StencilCont

D.Schroeder (Canada) SPECIFICATION AMS-QQA-200/8 Rev-A

ThyssenKrupp Materials NA-Concord, ON Quantity Certified

5,988 lbs

168 pcs

CUSTOMER PART NUMBER

CUSTOMER PO

5400383505

ALLOY / TEMPER

SALESPERSON

MRB1792

MANIFEST NUMBER

DIE NUMBER

DATE OF SHIPMENT

1/25/2018

356210

ALREC00726

DESCRIPTION

6061-T651<u>1</u>

MQRB 1.250x2.000

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as

All aluminum products supplied by Service Center Metals, LLC contain no functional mercury. Neither mercury nor its compounds are used in the manufacture of aluminum products at our facility. Furthermore, aluminum products supplied by Service Center Metals have not, to the best of our knowledge, contacted any source of mercury.

SCM is ISO 9001-2015 certified

This product is RoHS-2, REACH, and DFARS compliant

5 201800937	Mechanical Properties Tests Lot No.
1/22/18	Test Date
min	Ultimate Tensil
50.30	Strength (KS)
max	nsile
52.60	KSI)
min	Yield Strength
47.10	(KSI)
max 49.20	rength
min	Percent
15.80	Elongation
max	ent
18.90	ation

Print Date: 1/25/2018			有	1	2		1			JSA	d in the L	extrude	e melted and	SCM products are melted and extruded in the USA
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United States of America	0.15	0.05	97.28	0.03	0.09	0.10	0.92	0.11	0.33	0.38	0.76		201000007	001.11801168
United States of America	0.15	0.05	97.37	0.03	0.06	0.10	0.91	0.10	0.31	0.38	0.75	6064	201800027	001E180119B 201800937
)	1 1		201800027	00151801124 201800027
Melt Source:	Others Total	Oth <u>Each</u>	Æ	Ξ	Zn	lΩ	Mg	Mn	Cu	Fe	lõ	Alloy	Lot No.	Cast#
									y 6061	um Allo	lumin	n for A	ompositio	Cnemical Composition for Aluminum Alloy 6061

Calvin J. Wiggins, Director of Quality & Technical Services

Rev 7/20/17

MATERIAL RECEIPT INSPECTION FORM

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	DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF
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	ORRECT MATERIAL IDENTFICATION
(2)	CORRECT REF # TO LINK CERT
1	PHOTO REQUIRED
	CORRECT THICKNESS
10	CORRECT GRAIN DIRECTION CORRECT MATERIAL PER M-DRAWING
3	CORROSION
-	CORRECT FINISH
1	SURFACE DAMAGE
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(CPE	DESCRIPTION
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Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



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B

SPECIFICATION Con

QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209

PURCHASE MATERIAL: 6061-T6/T62 ALUMINUM SHEET

PART NUMBER:

M6061T6S XXX

WHERE ".XXX" = SHEET THICKNESS (IN INCHES)

EG. 0.063" THICK SHEET = M6061T6S.063

0

PREFERRED SIZE:

XXX BY 4FT BY 8FT

DRAWN CHECKED MFG. APPR.

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
PRAWING NO.
M6061T6S
SHER

SHEET 1 OF 1

SCALE

REV. B

>

DESIGN REV.

B REFORMAT DWG, ADD B209 SPEC (ZN D8-1), REF PAR 08-020A

NEW ISSUE

DESCRIPTION

DS DS CP

01.06.08 DATE 09.07.13

DE APPR. APPROVED

09.07.13

6061-T6 SHEET SPEC NTS
COPYRIGHT © 2001 BY DART AEROSPACE LTD
INCOMMENT ARROPMENT OF COMMENT AEROSPACE LTD

0

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03/4 Nr.: 89055159

Rev.: 0

Inspection certificate - mill certificate Abnahmeprüfzeugnis 3.1 (EN 10204)

1 von / of 2 Seite / page:

2017 06 28

Datum / date:

Zertifiziert nach / certified to ISO 9001, ISO/TS 16949, EN/AS 9100, ISO 14001, NADCAP

.oqnkt \ broduct	Bedingungen / terms	
1500 Cherokee Pkwy ACWORTH GA 30102-1603 ASU		
Varenempfänger / consignee: CBS Atlanta	Lieferschein Mr. / delivery note: Datum / date:	62153068 15 70 7102
P.O. BOX 5416 SOUTHFIELD MI 48086 USA	Auftragabeat. Nr. / order confirm no.: Datum / date:	7700£1 81 40 710S
kuftraggeber / customer: ThyssenKrupp Materials MA Copper and Brass Sales Division	Bestell Nr. / order no.: Datum / date:	200342513-R01

Technische Lieferbedingungen / techn. spec.:

41 - 605 8 MTSA 7661.80 11/02S-A-00-2MA U

ASME SB-209, 2011a 800S.70 ,NTS04 SMA

Sondervorschrift / special terms:

Werkstoff / material: 6061 Form / form: Sheet

Dim. / dim.: [inch]: 0,080x48,00x144,00 Zustand / temper: T6

Kundenartikel Nr. / cust. article no.: ALFLR01650

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Maßkontrolle: OK. / Dimensional Check: OK. Biegeversuch: OK. / Transverse bend test: OK.

Oberfläche: OK. / Surface inspection: OK.

Bemerkungen I notes

Josef Klampfer

Herstellerland: Österreich / goods origin: The goods are of Austrian origin.

Maschinell erstellt - Gültig ohne Unterschrift / Automated - valid without being signed.

Zertifiziert nach / certified to ISO 9001, ISO/TS 16949, EN/AS 9100, ISO 14001, NADCAP

Abnahmeprüfzeugnis 3.1 (EN 10204) Inspection certificate

Gegossen und gefertigt in Osterreich / Country of melt and manufactured in Austria

Werksachverständiger / factory specialist

Josef.klampfer@amag.at

2017 06 28

2 to / nov S

7/80

Datum / date:

Rev.: 0

Nr.: 89055159

E-Mail / e-mail

We hereby certify that the material described above has been tested and complies with the terms of the order contract.

Es wird bestätigt, dass die Lieferung geprüft wurde und den Vereinbarungen bei der Bestellung entspricht.

From: Thyssenkrupp Materials NA

AMAG rolling GmbH, Postfach 32, A-5282 Ranshofen, Österreich - <u>www.amag.at</u> AMAG rolling GmbH, P.O. Box 32, A-5282 Ranshofen, Austria - <u>www.amag.at</u>

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AMAG rolling GmbH, Postfach 32, A-528S Ranshofen, Österreich - <u>www.amag.at</u>

MATERIAL RECEIPT INSPECTION FORM

SPECTED BY: SPECT			:3TAQ			{	3102	S O AAM ⁸⁻⁸	:3TAG	
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Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

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PART NUMBER: PURCHASE MATERIAL: 6061-T6/T62 ALUMINUM SHEET
SPECIFICATION:

OR A-250/11-OR AMS-QQ-A-250/11
OR AMS 4025 OR AMS 4027
OR ASTM B209

B

D

M6061T6S|.XXX

EG. 0.063" THICK SHEET = M6061T6S.063 WHERE ".XXX" = SHEET THICKNESS (IN INCHES)

0

PREFERRED SIZE:

.XXX BY 4FT BY 8FT

CHECKED MFG. APPR. DATE DESIGN DE APPR. APPROVED REV. REFORMAT DWG, ADD B209 SPEC (ZN D8-1), REF PAR 08-020A. NEW ISSUE 09.07.13 DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
DRAWING NO.
M6061T6S
SHEE BY DS CP REV. B SHEET 1 OF 1 SCALE NTS 09.07.13 DATE 01.06.08 D

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Aerospace and Transportation Constellium Valais SA Route des Laminoirs CH-3960 Sierre



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าวธาน	Monique Bérard ++41 27 457 643	Sales Contact
	827728 Monique Bérard	Customer No.
	167142-30	Our Confirmatio
-143	12/04/2017	Dated
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	Teny Thomas	400,010
1	PEC-282714	Your Order
71/02/70/3	7 Page	\alpha \a
Ivice / Cert	16060800	Disp. Advice
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THYSSENKRUPP MATERIALS NA

CA L4K 5C6 CONCORD 2821 LANGSTAFF ROAD

ALUMINIUM PLATE IN 6061 T651 MILL FINISH MCcording to AMS4027N

Production N

2.14 0.94 169T 11 1-99919X 91 9.14 4.94 1651 X51665-2 Measured values min-max min-max >=32 1651 Temper Lot-sample TISTU TS 0.2%/T The indicated values are in kai for UTS and YS and % for A Mechanical and technological properties "03.441 x "08.84 x "216.0 **\$9919X** 58 sdJ 21.9948 7970629

Quantity

Weight

The indicated values are in % by weight

Chemical composition

Rolling lot

Your article:

xsM	8.0	7.0	04.0	31.0	2.1	35.0	50.0	0.25	81.0	
niM	04.0		31.0		8.0	40.0				
Casting No	IS	94	no	иW	6W	10	!N	uZ	11	

Other elements are compliant to the requirement: Each <= 0.05% Total <= 0.15%

Dimensions

semark

Product conforms to AMS4027N.

Technical characteristics of this product do also comply with Technical characteristics of this product do also comply with Technical characteristics of this product do also comply with Technical Conference of the C

Casting and heat treatment of the referenced lot has been performed by Constellium Valais SA, Switzerland

Management System certified ISO 9001 / ISO 14001 / OHSAS 18001

A. Thurre (WSV.4)
Quality Plates
Valid without signature

Definition of abbreviations on demand